FORM MS–6170–5C–6/2002
REPLACES FORM MS–6170–4C–12/2001
FILE IN SECT. 2 OF SERVICE MANUAL

Illustrated Parts List

Model Series

461700

TYPE NUMBERS
0116 through 0149.

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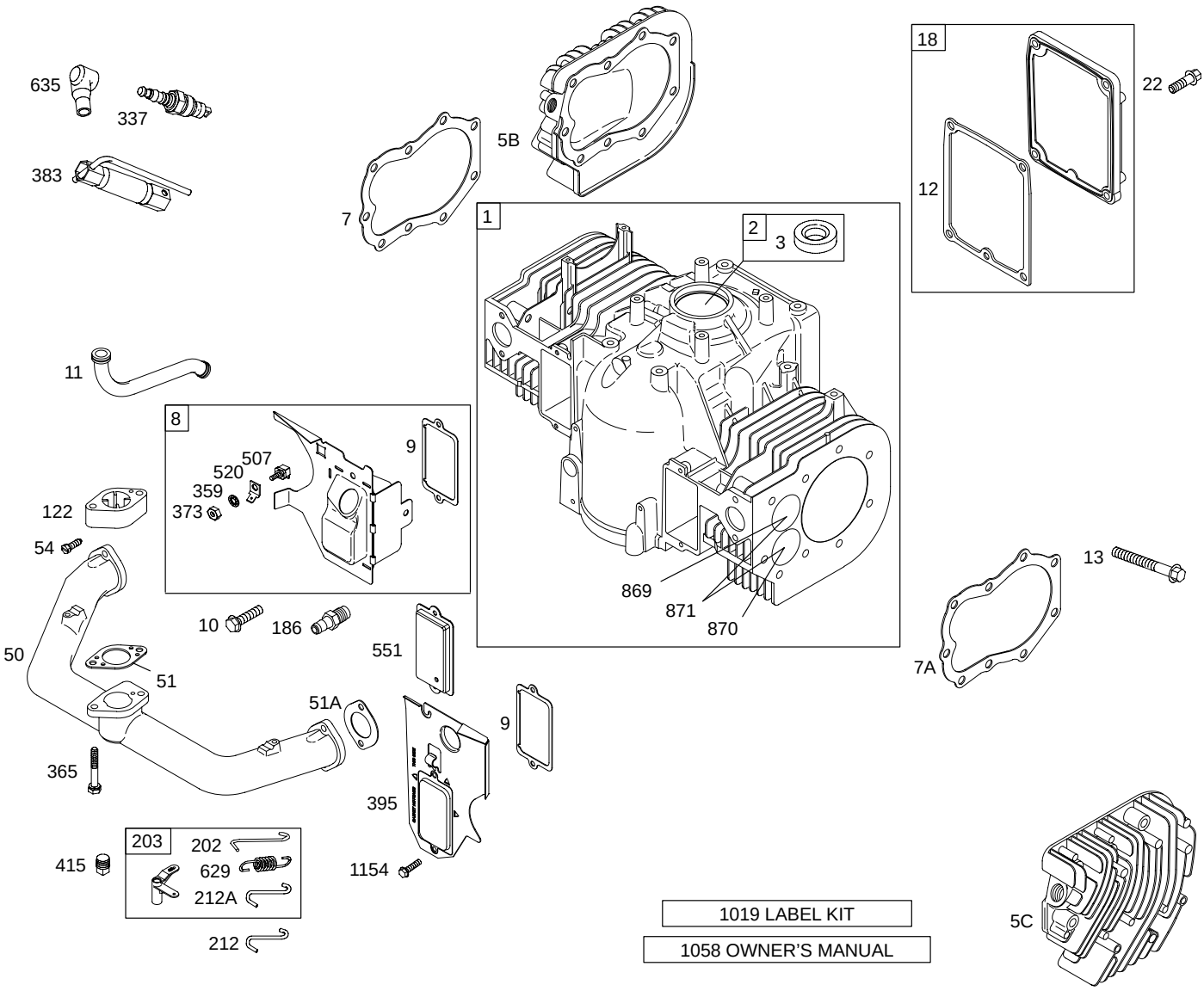
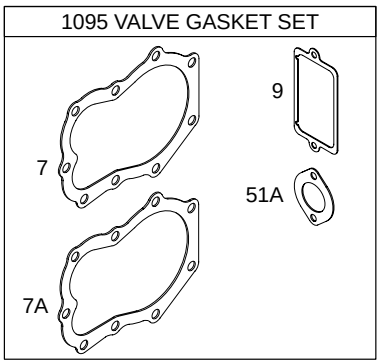
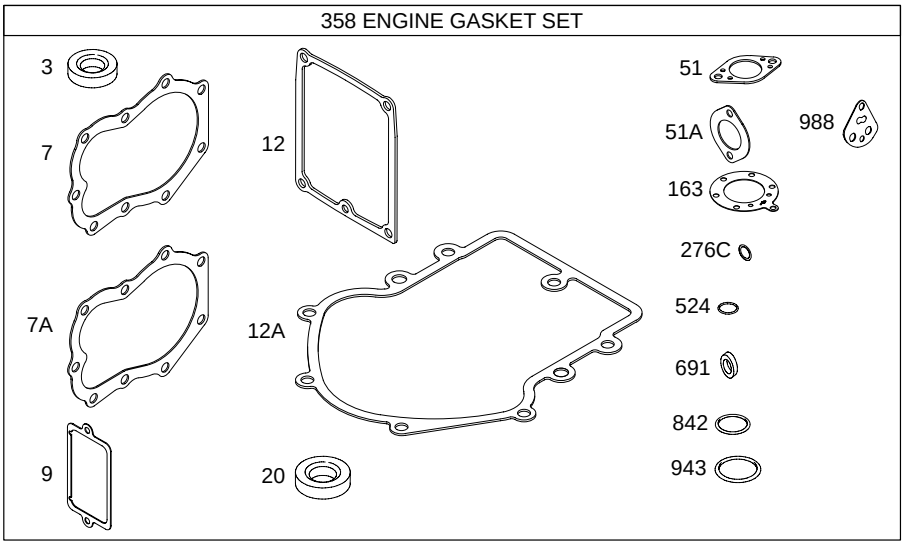
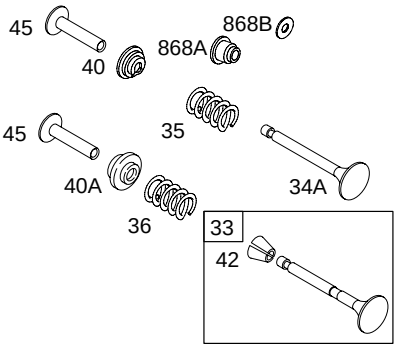
461700







Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.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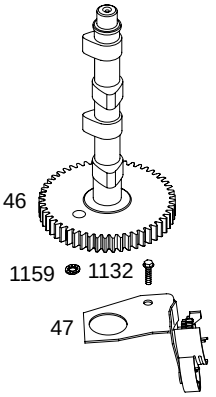
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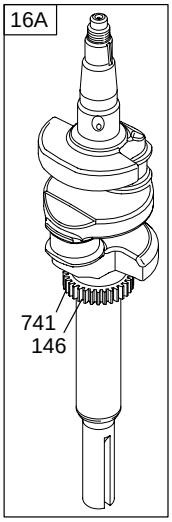
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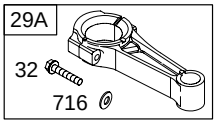
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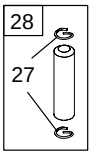
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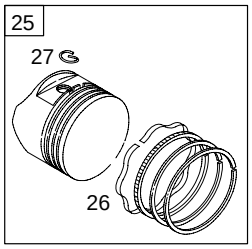
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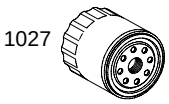

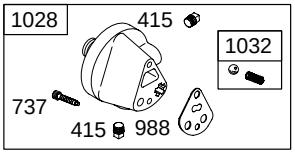

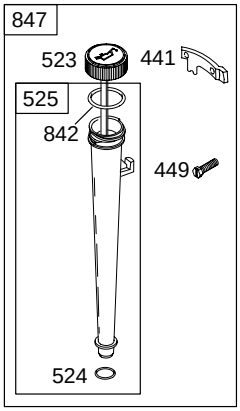

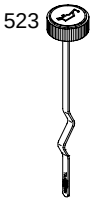

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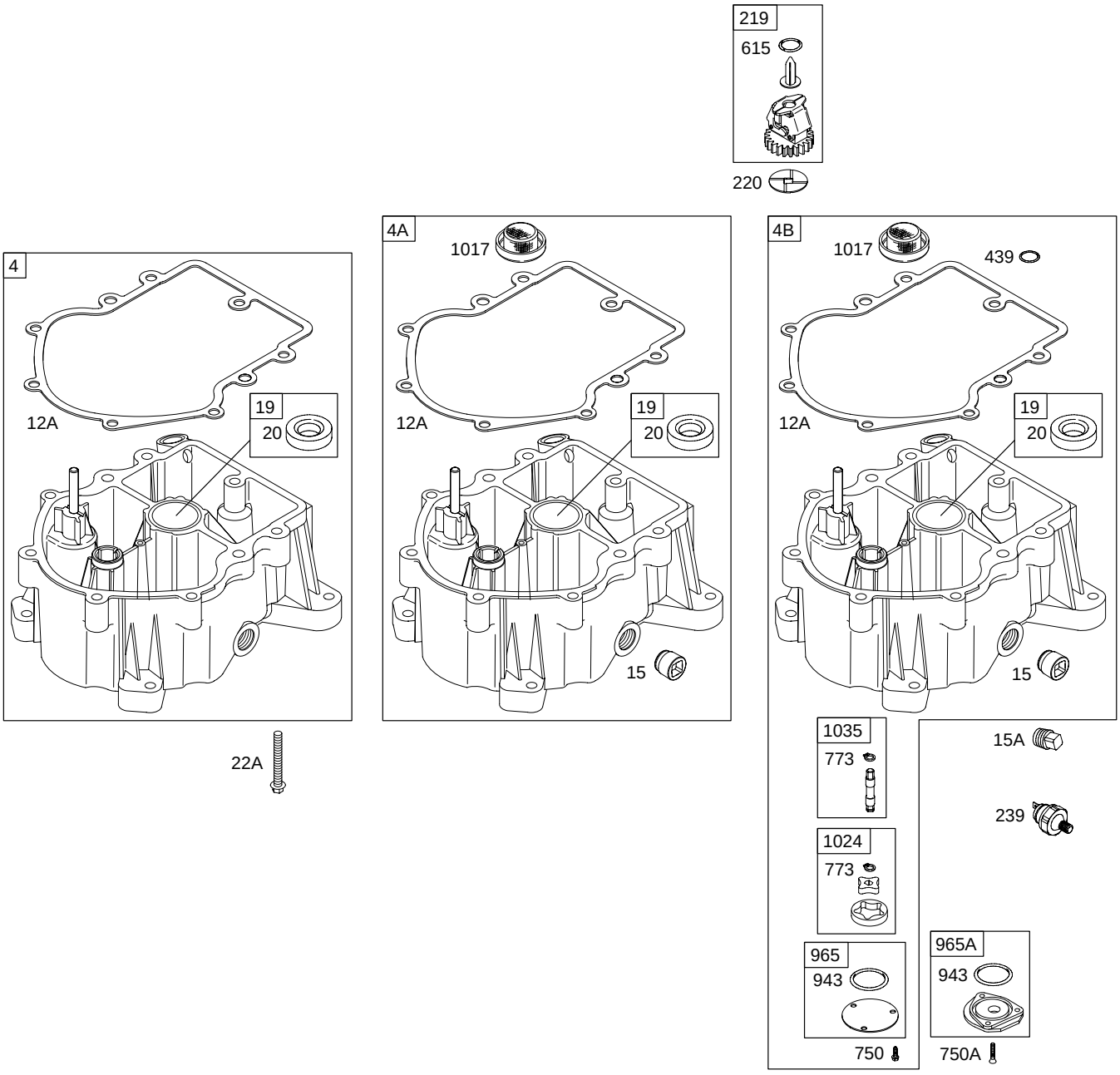

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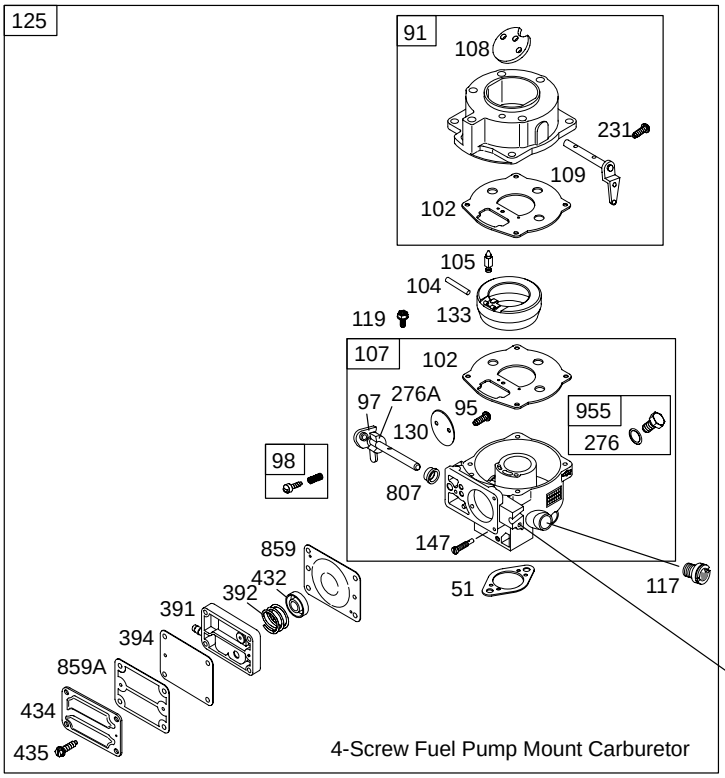
461700



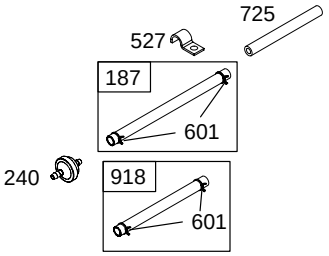
Model 4607

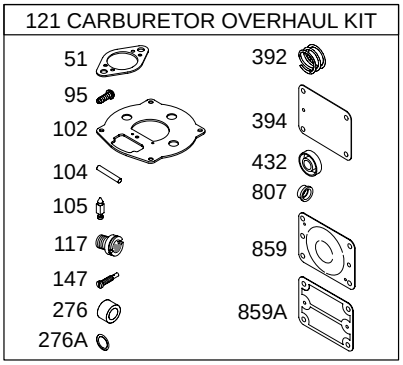
Model 4617

Model 4627

Model 4637

SEE ADDITIONAL PAGES FOR MORE CARBURETOR INFORMATION





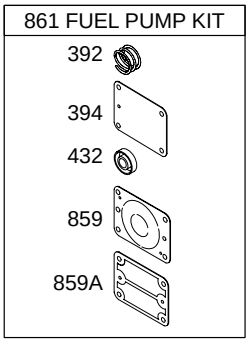
Model 42A7

Model 42B7

Model 42D7

Model 42E7

Model 4227



Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.

Model 42A7

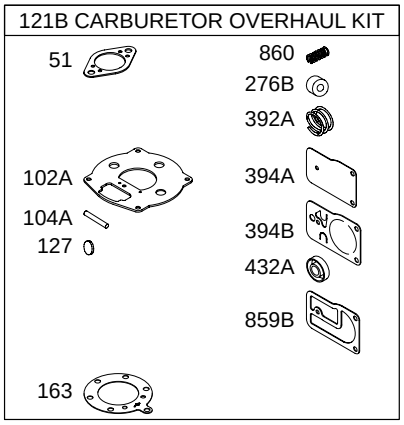
Model 42B7

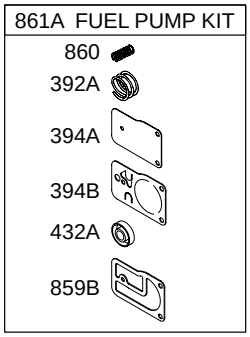
Model 42D7

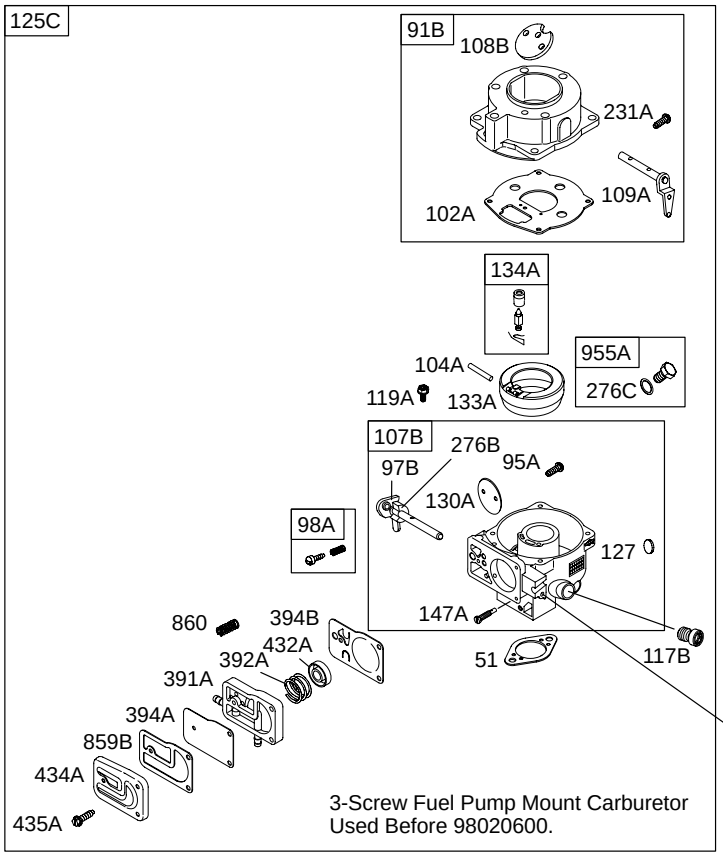
Model 42E7

Model 4227

3-Screw Fuel Pump Mount Carburetor Used Before 98020600.







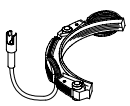
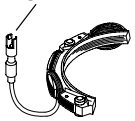
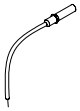
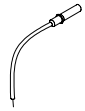
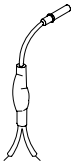
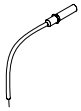
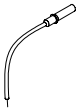
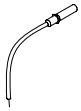
Model 4607

Model 4617

3-Screw Fuel Pump Mount Carburetor Used Before 98020600.

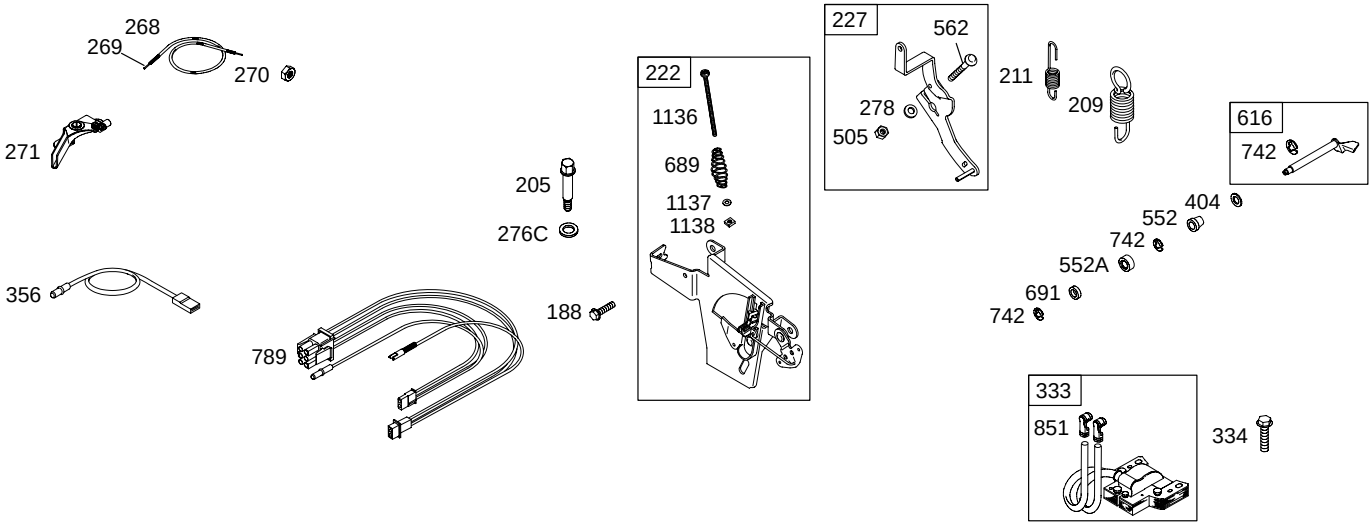
Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.

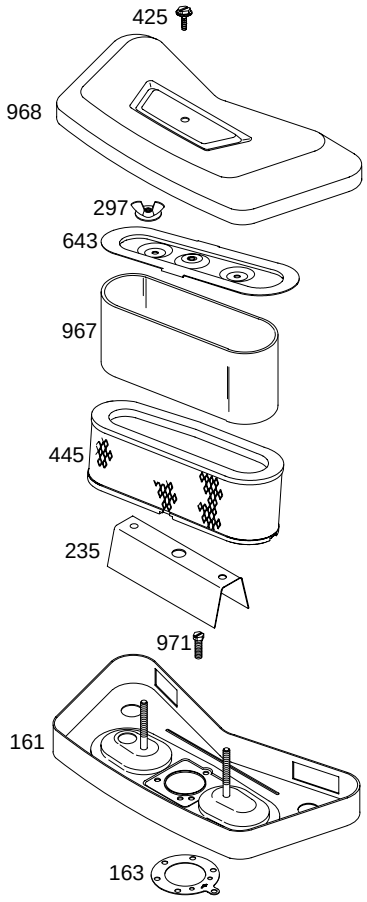
461700

AC ONLY	DC ONLY	DUAL CIRCUIT	TRI CIRCUIT	9 AMP	10 AMP	16 AMP
474	474A	474B	474C	474C	474D	474D
	877A 	877	877B	877B	877C	877C
578 	578 	878	878A 	578 	578 	578 

NOTE: *All stators use a No. 1119 mounting screw.*

NOTE: *The proper flywheel part number and/or the alternator magnet size will determine the alternator type or output. See repair instruction manual for additional information.*

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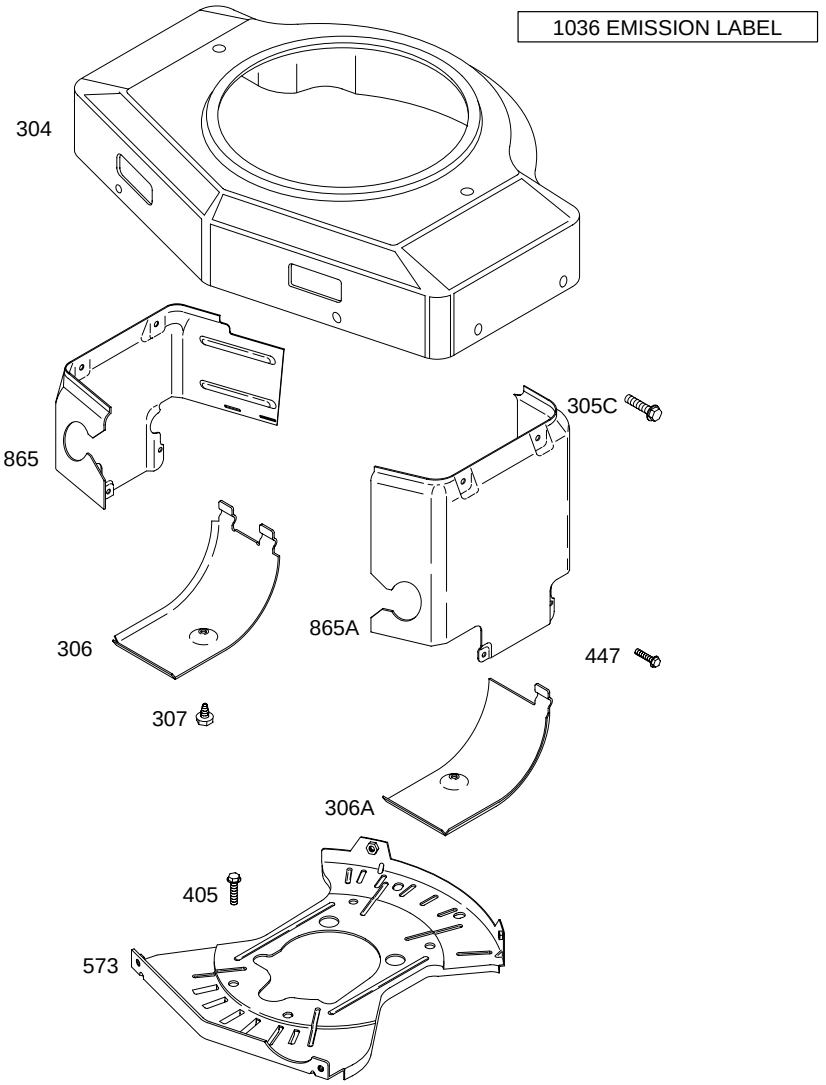
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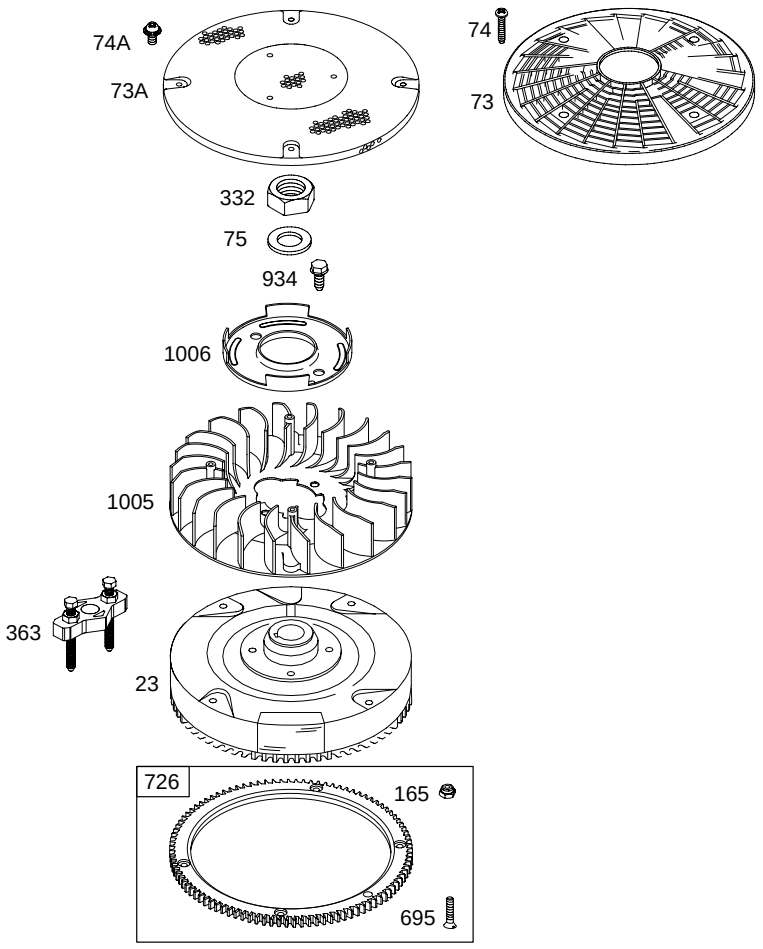
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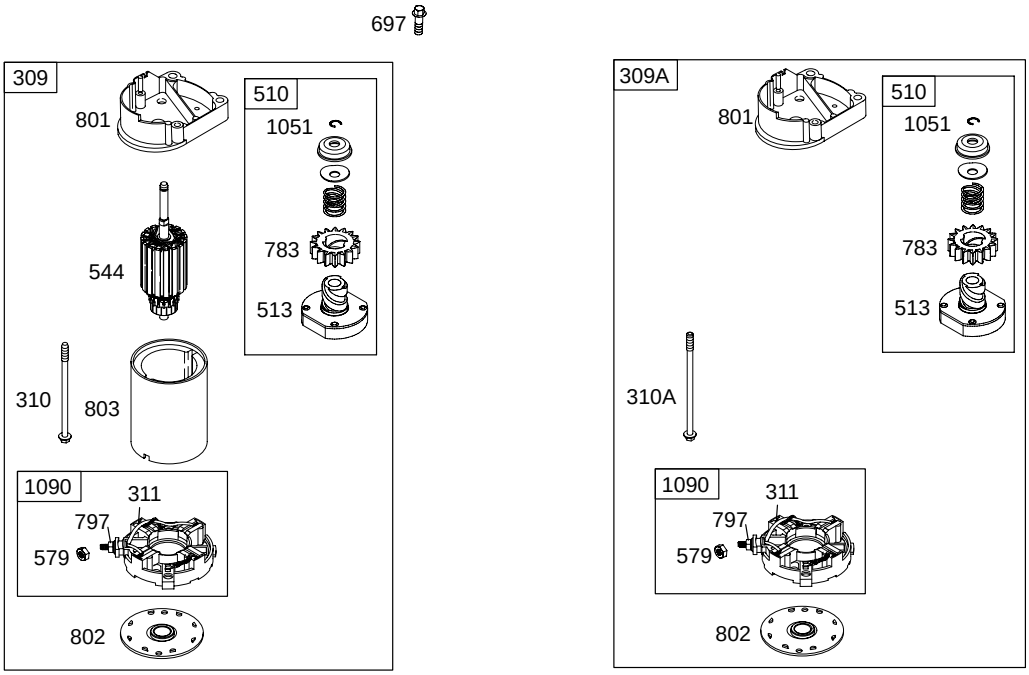
461700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803
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802
309A
801
510
1051
783
513
310A
1090
311
797
579
802

REF. NO.	PART NO.	DESCRIPTION
1	498583	Cylinder Assembly
2	399265	Kit–Bushing/Seal (Magneto Side)
3	★391086	Seal–Oil (Magneto Side)
4	493304	Sump–Engine (Splash Lube)
4A	692709	Sump–Engine (Pressure Lube) (Used After Code Date 98011100). Used on Type No(s). 0137.
4B	692710	Sump–Engine (Pressure Lube) (Used Before Code Date 98011200). Used on Type No(s). 0137.
5B	691162	Head–Cylinder (Cylinder 1)
5C	691163	Head–Cylinder (Cylinder 2)
7	★∅271867	Gasket–Cylinder Head (Cylinder 1)
7A	★∅271868	Gasket–Cylinder Head (Cylinder 2)
8	495754	Breather Assembly
9	★∅27803	Gasket–Breather
10	690334	Screw (Breather Assembly)
11	691899	Tube–Breather
12	★692287	Gasket–Crankcase
12A	★692292	Gasket–Crankcase (.015″ Thick) (Standard) **–––––– Note –––––** ★271188 Gasket–Crankcase (.005″ Thick) ★271189 Gasket–Crankcase (.009″ Thick)
13	691651	Screw (Cylinder Head)
15	691680	Plug–Oil Drain (1/2″ Square Flush)
15A	690946	Plug–Oil Drain (3/8″ Standard)
16A	690667	Crankshaft **–––––– Note –––––** 690666 Crankshaft Used on Type No(s). 0116, 0143, 0145, 0147.
18	495901	Cover–Crankcase
19	399264	KIt–Bushing/Seal (PTO Side)
20	★291675	Seal–Oil (PTO Side)
22	691104	Screw (Crankcase Cover/Sump)
22A	693972	Screw (Crankcase Cover/ Sump)
23	691976	Flywheel
24	222698	Key–Flywheel
25	498584	Piston Assembly (Standard) **–––––– Note –––––** 499180 Piston Assembly (Standard) Used on Type No(s). 0116, 0143, 0145, 0147.
		498585 Piston Assembly (.010″ Oversize) 499181 Piston Assembly (.010″ Oversize) Used on Type No(s). 0116, 0143, 0145, 0147.
		498586 Piston Assembly (.020″ Oversize) 499182 Piston Assembly (.020″ Oversize) Used on Type No(s). 0116, 0143, 0145, 0147.
		498587 Piston Assembly (.030″ Oversize) 499183 Piston Assembly (.030″ Oversize) Used on Type No(s). 0116, 0143, 0145, 0147.

★ Included in Engine Gasket Set–Ref. No. 358.
● Included in Carburetor Overhaul Kit–Ref. No. 121.
■ Included in Carburetor Gasket Set–Ref. No. 977.
∅ Included in Valve Gasket Set–Ref. No. 1095.

Illustrations cover a range of engines. Parts shown without corresponding text may not be used on your specific engine.

461700

REF. NO.	PART NO.	DESCRIPTION
26	**394959**	Ring Set (Standard)
		–––––– Note –––––
		499184 Ring Set (Standard) Used on Type No(s). 0116, 0143, 0145, 0147.
		394960 Ring Set (.010″ Oversize)
		499185 Ring Set (.010″ Oversize) Used on Type No(s). 0116, 0143, 0145, 0147.
		394961 Ring Set (.020″ Oversize)
		499186 Ring Set (.020″ Oversize) Used on Type No(s). 0116, 0143, 0145, 0147.
		394962 Ring Set (.030″ Oversize)
		499187 Ring Set (.030″ Oversize) Used on Type No(s). 0116, 0143, 0145, 0147.
27	**691299**	Lock–Piston Pin
28	**498319**	Pin–Piston (Standard)
		–––––– Note –––––
		498320 Pin–Piston (.005″ Oversize)
29A	**498314**	Rod–Connecting (Standard)
		–––––– Note –––––
		498541 Rod–Connecting (.020″ Undersize)
32	**691133**	Screw (Connecting Rod)
33	**691794**	Valve–Exhaust
34A	**691302**	Valve–Intake
35	**691605**	Spring–Valve (Intake)
36	**691597**	Spring–Valve (Exhaust)
40	**690656**	Retainer–Valve (Intake)
40A	**691939**	Retainer–Valve (Exhaust)
42	**494553**	Keeper–Valve
45	**691800**	Tappet–Valve
46	**691161**	Camshaft
47	**691964**	Slinger–Oil Used on Type No(s). 0116, 0143, 0145, 0147.
50	**691709**	Manifold–Intake
51	★●**692278**	Gasket–Intake
51A	★∅**692219**	Gasket–Intake
54	**93208**	Screw (Intake Manifold)
73	**691438**	Screen–Rotating (Plastic) Used on Type No(s). 0145, 0147.
73A	**692527**	Screen–Rotating (Steel)
74	**691134**	Screw (Rotating Screen)
74A	**691677**	Screw (Rotating Screen)
75	**691056**	Washer (Flywheel)
91	**693483**	Body–Upper Carburetor
91A	**499281**	Body–Upper Carburetor
95	**690718**	Screw (Throttle Valve)
95A	**691437**	Screw (Throttle Valve)
97	**693485**	Shaft–Throttle
97A	**691485**	Shaft–Throttle
98	**807923**	Kit–Idle Speed
98A	**693942**	Kit–Idle Speed
102	●**693509**	Gasket–Carburetor Body
102A	●**273186**	Gasket–Carburetor Body
104	●**693506**	Pin–Float Hinge
104A	●**691775**	Pin–Float Hinge
105	●**692078**	Valve–Float Needle
107	**693482**	Body–Lower Carburetor
107C	**499656**	Body–Lower Carburetor
108	**693505**	Valve–Choke
108A	**691233**	Valve–Choke
109	**693498**	Shaft–Choke
109A	**691957**	Shaft–Choke
117	**693538**	Jet–Main (Standard)
117D	**691256**	Jet–Main (Standard)
118	**693500**	Jet–Main (High Altitude)
118C	**232152**	Jet–Main (High Altitude)
119	**690720**	Screw (Upper To Lower Carburetor Body)
119A	**691090**	Screw (Upper To Lower Carburetor Body)

★ Included in Engine Gasket Set–Ref. No. 358.
● Included in Carburetor Overhaul Kit–Ref. No. 121.
■ Included in Carburetor Gasket Set–Ref. No. 977.
∅ Included in Valve Gasket Set–Ref. No. 1095.

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REF. NO.	PART NO.	DESCRIPTION
121	**693503**	Kit–Carburetor Overhaul (Used On 4 Screw Fuel Pump Mount Carburetors) (Used After Code Date 98091300).
121A	**694056**	Kit–Carburetor Overhaul (Used On 3 Screw Fuel Pump Mount Carburetors) (Used Before Code Date 98091400).
122	**691928**	Spacer–Carburetor
125	**693479**	Carburetor (4 Screw Fuel Pump Mount)
125C		Carburetor (3 Screw Fuel Pump Mount) (Service With Reference 125)
127	●**691739**	Plug–Welch
130	**693504**	Valve–Throttle
130A	**691727**	Valve–Throttle
133	**693512**	Float–Carburetor
133A	**692265**	Float–Carburetor
134	●**394682**	Kit–Needle/Seat
146	**691639**	Key–Timing
147	**693508**	Jet–Pilot
147A	**691431**	Jet–Pilot
161	**691401**	Base–Air Cleaner (Metal)
163	⋆**690273**	Gasket–Air Cleaner
165	**693148**	Nut (Ring Gear)
186	**691764**	Connector–Hose (Pulse Line)
187	**296004**	Line–Fuel (Cut to Required Length)
		–––––– Note –––––
		499167 Line–Fuel (Cut to Required Length) Used on Type No(s). 0145, 0147.
188	**691003**	Screw (Control Bracket)
202	**690570**	Link–Mechanical Governor
203	**493230**	Crank–Bell
205	**690322**	Screw (Bell Crank)
209	**691273**	Spring–Governor (White)
211	**691807**	Spring–Governor Idle
212	**693544**	Link–Throttle (Used On 4 Screw Fuel Pump Mount Carburetors)
212A	**690571**	Link–Throttle (Used On 3 Screw Fuel Pump Mount Carburetors)
219	**394348**	Gear–Governor
220	**690412**	Washer (Governor Gear)
222	**691366**	Bracket–Control
227	**690762**	Lever–Governor Control
231	**690718**	Screw (Choke Valve)
231A	**691437**	Screw (Choke Valve)
235	**691206**	Shield–Fuel Spray
239	**491657**	Switch–Oil Pressure
240	**394358**	Filter–Fuel
267	**690316**	Screw (Casing Clamp)
268	**691025**	Casing–Control Wire (Cut To Required Length)
269	**691026**	Wire–Control (Cut to Required Length)
270	**691027**	Nut (Control Wire Casing)
271	**691028**	Lever–Control
276	**693497**	Washer–Sealing (Carburetor Plug)
276A	●**693510**	Washer–Sealing (Foam)
276B	●**691872**	Washer–Sealing (Foam)
276C	●⋆**691319**	Washer–Sealing (Carburetor Plug)
278	**692810**	Washer (Governor Control Lever)
297	**691331**	Nut (Air Filter Retainer)
304	**691391**	Housing–Blower (Red)
		–––––– Note –––––
		690826 Housing–Blower (Black) Used on Type No(s). 0143, 0147.
305C	**690297**	Screw (Blower Housing)
306	**690414**	Shield–Cylinder
306A	**690435**	Shield–Cylinder
307	**691003**	Screw (Cylinder Shield)
309	**497596**	Motor–Starter (3-5/8″ Housing Length)
309A	**498148**	Motor–Starter (4-3/8″ Housing Length)
310	**690323**	Bolt (Starter Motor) (For 3-5/8″ Housing Length)
310A	**691263**	Bolt (Starter Motor) (For 4-3/8″ Housing Length)
311	**497608**	Brush Set

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REF. NO.	PART NO.	DESCRIPTION
332	**691059**	Nut (Flywheel)
333	**394891**	Armature–Magneto (MAGNETRON®)
334	**691061**	Screw (Magneto Armature)
337	**802592**	Plug–Spark (Resistor)
356	**690807**	Wire–Stop (1 Wire, 15-13/16″ Long)(Snap Connect Insulated Female Blade Terminal, And Snap Connect Insulated Pin Socket)
358	**495868**	Gasket Set–Engine
359	**691077**	Washer (Ground Terminal)
363	**19203**	Puller–Flywheel
365	**690321**	Screw (Carburetor)
373	**691612**	Nut (Ground Terminal)
383	**89838**	Wrench–Spark Plug
391	**693487**	Body–Fuel Pump
391A	**691896**	Body–Fuel Pump
392	●■**693491**	Spring–Pump Diaphragm
392A	●■**691801**	Spring–Pump Diaphragm
394	●■**693489**	Diaphragm–Carburetor
394A	●■**691871**	Diaphragm–Carburetor
394B	●■**272638**	Diaphragm–Carburetor
395	**690481**	Cover–Valve Chamber
404	**690442**	Washer (Governor Crank)
405	**690364**	Screw (Back Plate)
415	**690283**	Plug (Oil Pressure Switch)
425	**691675**	Screw (Air Cleaner Cover)
432	●■**693492**	Cap–Spring
432A	●■**690766**	Cap–Spring
434	**693493**	Cover–Diaphragm
435	**693494**	Screw (Diaphragm Cover)
435A	**691085**	Screw (Diaphragm Cover)
439	**690589**	Seal–O Ring (Crankcase Cover/Sump)
441	**691176**	Bracket–Oil Fill
445	**394019**	Filter–Air Cleaner Cartridge
447	**690297**	Screw (Air Guide Cover)
449	**691044**	Screw (Oil Fill Bracket)
474B	**696459**	Alternator (Dual Circuit)
505	**691029**	Screw (Governor Control Lever)
507	**691972**	Insulator
510	**497606**	Drive–Starter
513	**692024**	Clutch–Drive
520	**691084**	Terminal–Ground
523	**691385**	Dipstick
524	★**692532**	Seal–Dipstick Tube
525	**690823**	Tube–Dipstick
527	**690423**	Clamp–Tube
544	**692034**	Armature–Starter (3-5/8″ Housing Length)
551	**690415**	Cover–Valve
552	**690553**	Bushing–Governor Crank
552A	**690552**	Bushing–Governor Crank
562	**690311**	Bolt (Governor Control Lever)
573	**696040**	Plate–Back (Used After Code Date 00101500). **–––––– Note ––––– 690764** Plate–Back (Used Before Code Date 00101600).
579	**690958**	Nut (Starter Cable)
601	**95162**	Clamp–Tube (Zinc Plate) (Spring Wire)
615	**690317**	Retainer–Governor Shaft
616	**491530**	Crank–Governor
629	**262539**	Spring–Throttle Return
635	**66538**	Boot–Spark Plug
643	**496700**	Retainer–Air Filter
689	**690555**	Spring–Friction
691	★**690657**	Seal–Governor Shaft
695	**693149**	Screw (Ring Gear)
697	**691625**	Screw (Drive Cap)
716	**220863**	Washer (Connecting Rod)
725	**280866**	Shield–Heat Used on Type No(s). 0145, 0147.
726	**391362**	Gear–Ring (Includes Mounting Hardware)
737	**690332**	Screw (OIl Filter Adapter)
741	**691285**	Gear–Timing
742	**690328**	Retainer–E Ring
750	**690960**	Screw (Oil Pump Cover) (Used After Code Date 98011100).
750A	**690336**	Screw (Oil Pump Cover) (Used Before Code Date 98011200).
773	**692334**	Retainer
783	**693059**	Gear–Pinion
789	**695050**	Harness–Wiring (6 Pin Customer Conversion)
797	**693167**	Nut (Brush Retainer)

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REF. NO.	PART NO.	DESCRIPTION
801	**691967**	Cap–Drive
802	**691286**	Cap–End
803	**693757**	Housing–Starter (3-5/8″ Housing Length) **–––––– Note –––––** (4-3/8″ Housing Length) (Service With Reference 309A, Part Number **498148**)
807	**693511**	Spacer–Throttle
842	⋆**271170**	Seal–O Ring (Dipstick)
847	**495715**	Dipstick/Tube Assembly
851	**493880**	Terminal–Spark Plug
859	●■**693488**	Gasket–Carburetor Pump
859A	●■**693490**	Gasket–Carburetor Pump
859B	●■**691873**	Gasket–Carburetor Pump
860	●■**691799**	Spring–Diaphragm
861	**693502**	Kit–Fuel Pump (Used On 4 Screw Fuel Pump Mount Carburetors)
861A	**393397**	Kit–Fuel Pump (Used On 3 Screw Fuel Pump Mount Carburetors)
865	**691196**	Cover–Air Guide
865A	**691197**	Cover–Air Guide
868A	**692036**	Seal–Valve (Brown)
868B	**691891**	Seal–Valve
869	**691802**	Seat–Valve (Intake)
870	**691844**	Seat–Valve (Exhaust)
871	**261961**	Bushing–Valve Guide (Exhaust) **–––––– Note –––––** **231218** Bushing–Valve Guide (Intake)
877	**393456**	Wire/Connector–Alternator (Dual Circuit)
878	**691237**	Harness–Alternator
918	**393815**	Hose–Vacuum (Cylinder To Impulse Pump) (Cut to Required Length)
934	**691058**	Screw (Fan Retainer)
943	⋆**690589**	Seal–O Ring (Oil Pump Cover)
947	**693495**	Solenoid–Fuel (Used After Code Date 98091300).
947A	**397266**	Solenoid–Fuel
955	**693513**	Plug–Carburetor
955A	**397882**	Plug–Carburetor
965	**499613**	Cover–Oil Pump (Used After Code Date 98011100).
965A	**492197**	Cover–Oil Pump (Used Before Code Date 98011200).
967	**272490**	Filter–Pre Cleaner
968	**691207**	Cover–Air Cleaner
971	**691100**	Screw (Air Cleaner Base To Carburetor)
988	⋆**691313**	Gasket–Oil Adapter
1005	**498157**	Fan–Flywheel
1006	**691247**	Retainer–Fan
1017	**690770**	Screen–Oil Pump Used on Type No(s). 0137.
1019	**496726**	Kit–Label
1024	**499054**	Pump–Oil
1027	**492932**	Filter–Oil
1028	**491721**	Adapter–Oil Filter
1032	**491710**	Ball–Oil Pump
1035	**693158**	Shaft–Pump
1036	**696779**	Label–Emission (Used After Code Date 01093000). **–––––– Note –––––** **695702** Label–Emission (Used After Code Date 00063000 and Before Code Date 0100100). **694979** Label–Emission (Used After Code Date 99093000 and Before Code Date 00070100). **694402** Label–Emission (Used After Code Date 98123100 and Before Code Date 99100100). **499382** Label–Emission (Used Before Code Date 99010100).
1051	**691265**	Ring–Retaining
1058	**274796**	Owner's Manual (Emission)
1090	**691293**	Retainer–Brush
1095	**498047**	Gasket Set–Valve
1119	**691183**	Screw (Alternator)
1132	**690353**	Screw (Oil Slinger)
1136	**690329**	Screw (Control Bracket) (High Speed Control)
1137	**690390**	Washer (Control Bracket) (High Speed Control)
1138	**690330**	Nut (Control Bracket) (High Speed Control)
1154	**690366**	Screw (Valve Chamber Cover)
1159	**690286**	Washer (Oil Slinger)

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